

SECRET

DPD-1634-59
Copy 2 of 5

25X1C

10 March 1959

25X1A

Dear Joe:

1. This info extracted from WRSP-IV project progress report is forwarded for your information.

2. "A. Test bladder has large size neck seal and fits only two of our pilots without danger of leaking.

B. Bladder is very easy to install onto frame. Practically falls into place.

C. Reinforced area around communications wire inlet is so thin that seal is hard to get without excessive tightening. Amount of leak at this area started at 950 cc/minute and by tightening as much as possible was reduced to 20 cc/minute.

D. Thinner rubber at face plate area allows far greater variations of shape without tearing.

E. Flocking on the neck area is rubbing off and could affect exhaust valve.

F. Nylon outer covering in area of chin is too short and causes rubber bladder to bunch up and irritate lower jaw area during pre-breathing but not when outer shell is used."

Very Sincerely,

25X1A

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